Datasheet for ABIN1887552

anti-PKDCC antibody (Center)

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Overview

Quantity:	100 µL
Target:	PKDCC
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	15 amino acid peptide from near the center of human VLK.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	PKDCC
Alternative Name:	VLK (PKDCC Products)
Background:	VLK was identified as a novel protein kinase that was induced after the differentiation of cultured embryonic stem cells into mesendoderm.It has no homologs in invertebrates, but is highly conserved in vertebrate species although it does not belong to any known protein kinase groups.VLK is initially expressed in E-cadherin-positive anterior visceral endoderm and mesendoderm, but its expression is later confined to E-cadherin-negative mesenchyme.It is enriched in the Golgi apparatus and is thought to regulate the rate of protein export from the

Target Details

	Golgi.Targeted disruption of VLK in mice leads to a defect in lung development and neonatal lethality.It has been suggested that mutations in VLK may be associated with the allergic condition atopy. Synonyms: Vertebrate lonesome kinase, protein kinase domain containing cytoplasmic homolog, PKDCC, SGK439

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid freezing and thawing repeatly.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term use.Store at -20 °C for long term preservation.